





**Grade 4 Math: Curriculum Weeks 1 – 6 August 22- September 28
2012-2013**

Standards	*	Lessons	Teacher Notes
Standards with Red Keys are priority standards.			
 4.OA.3 Solve multi-step word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding. Learning Targets: I can solve one-step word problems with whole numbers using addition and subtraction. I can represent word problems with an equation using a letter for an unknown. I can check the reasonableness of an answer using mental math and estimation strategies including rounding.	★	<p><i>To address the KCAS Standards, the following should be included in instruction:</i></p> <p>Math Investigations:</p> <p>Unit 5</p> <ul style="list-style-type: none"> • 1.1-1.5A • 2.1-2.6 • 3.4-3.6A • 4.1-4.3 • 4.4A • 4.4-4.7 	<p>KCAS Note: 4.OA.3 - When students are solving word problems, they should write equations using a letter for an unknown quantity.</p>
 4.NBT.1 Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. Learning Target: I can explain how the value of a digit in a multi-digit whole number relates to the value of the digit to its right.	★	<p>Number Mat C</p> <p>Number Mat D</p>	<p>KCAS Note: 4 NBT.1 - Use intentional questioning requiring students to compare values as you move right and left within a given number.</p>
 4.NBT.2 Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons. Learning Targets: I can read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. I can compare two multi-digit whole numbers based on the value of the digits in each place. I can use $>$, $=$, and $<$ symbols to record my comparisons of two multi-digit whole numbers.	★	<p align="center">GAP LESSONS</p> <p><u>4.NBT.3</u></p> <p>Rounding to the Nearest Ten</p> <p>Rounding to the Nearest Hundred</p>	<p>KCAS Note: 4 NBT.2 - Be intentional about having students write numbers using base-ten numbers, number names, and expanded form daily.</p>

*Standard Progression

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<div></div> <div>4NBT.3 Use place value understanding to round multi-digit whole numbers to any place.</div> <div>Learning Target:</div> <div>I can use what I know about place value to round multi-digit whole numbers to any place.</div>	★		<div>KCAS Note: 4NBT.3 - Use the Number Mats C and D located in 4th Grade folder on JCPS Online.</div>										
<div>4NBT.4 Fluently add and subtract multi-digit whole numbers using the standard algorithm.</div> <div>Learning Target:</div> <div>I can fluently add multi-digit whole numbers using the standard algorithm.</div>	★	<div><div>Formative Assessment Opportunities</div><table><tr><td>4.OA.3</td><td></td></tr><tr><td>4.NBT.1</td><td></td></tr><tr><td>4.NBT.2</td><td></td></tr><tr><td>4.NBT.3</td><td></td></tr><tr><td>4.NBT.4</td><td></td></tr></table></div> <div><div>Vocabulary:</div><div>Whole numbers, comparison, equal, symbol, unknown, additive comparison, unknown quantity, reasonableness, mental computation, estimation strategies, rounding, addition, subtraction, base-ten numerals, number names, expanded form, digits, place value, symbols: greater than >, equal =, and less than <.</div><div>http://www.amathsdictionaryforkids.com/</div></div>	4.OA.3		4.NBT.1		4.NBT.2		4.NBT.3		4.NBT.4		
4.OA.3													
4.NBT.1													
4.NBT.2													
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